What is claimed is:

1. A method for introducing micro-volume liquid comprising:

providing a multi-channel inkjet print head including a cartridge and a nozzle plate with a plurality of nozzles, wherein the cartridge includes a plurality of channels, communicating with the nozzles on the nozzle plate, and a plurality of openings located at the channels;

contacting the nozzle plate with a buffer;

introducing the buffer into the channels via the nozzles by providing a pressure; and

introducing reagents into the channels via the openings.

2. The method as claimed in claim 1, wherein the buffer excludes biomolecules therein.

3. The method as claimed in claim 1, further comprising:

after introducing the buffer into the channels, removing part of the buffer from the channels.

4. The method as claimed in claim 3, wherein the volume of the removed buffer is not less than the volume of the introduced reagents.

5. The method as claimed in claim 1, wherein the pressure is positive so that the buffer is pushed into the channels via the nozzles.

6. The method as claimed in claim 1, wherein the pressure is negative so that the buffer is drawn into the channels via the openings.

7. The method as claimed in claim 6, wherein the negative pressure is generated by vacuuming the openings.

8. The method as claimed in claim 1, wherein the reagents include biomolecules therein, and the biomolecules are oligonucleotides, peptides, proteins, or derivatives thereof.

9. The method as claimed in claim 1, wherein the reagents are introduced into the channels by pipettes.

10. An apparatus for introducing micro-volume liquid comprising:

a multi-channel inkjet print head including cartridge and a nozzle plate with a plurality of nozzles, wherein the cartridge includes a plurality of channels, communicating with the nozzles on the nozzle plate, and a plurality of openings located at the channels;

a container for receiving a buffer, wherein the buffer and the nozzle plate are in contact;

a pressure supply for providing pressure to the multi-channel inkjet print head so that the buffer is introduced into the channels; and

an injector, disposed in the channels, for receiving a reagent therein and introducing the reagent into the channels via the openings.

11. The apparatus as claimed in claim 10, further comprising:

an absorber, disposed in the channels, for removing a predetermined amount of the buffer from the channels.

12. The apparatus as claimed in claim 10, wherein the pressure supply communicates with the container, and provides a positive pressure to the container so that the buffer is pushed into the channels.

13. The apparatus as claimed in claim 10, wherein the pressure supply communicates with the openings, and provides a negative pressure to the channels so that the buffer is drawn into the channels.

14. The apparatus as claimed in claim 10, wherein the reagents includes biomolecules therein, and the biomolecules are oligonucleotides, peptides, proteins, or derivatives thereof.

15. The apparatus as claimed in claim 10, wherein the buffer excludes the biomolecules.

16. The apparatus as claimed in claim 10, wherein the injector is a pipette.